

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-161  
Relating to Certification of New Motor Vehicles

HOWE FIRE APPARATUS CO., INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Howe Fire Apparatus Co., Inc. motor vehicles which have a manufacturer's gross vehicle weight rating greater than 8500 pounds are certified using the 1978 engines listed below:

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Engine Size (CID)</u>	<u>Engine Certification Executive Order No.</u>
Ford Motor Co.	330/361/391	330	A-10-20
		361	A-10-20
		391	A-10-20
	477/534	477	A-10-24
		534	A-10-24
General Motors	GM 113T	350	A-6-107
		400	A-6-107
	GM 114	366	A-6-107
		427	A-6-107
International Harvester Co.	V-345C	345	A-4-53
	V-392C	391	A-4-51
	V-537C	537	A-4-52
	MV-8C	400/446	A-4-51

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

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The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
330/361/291	not applicable	23	1.0	6.5
477/534	not applicable	18	0.5	5.9
GM 113T	not applicable	20	0.7	7.1
GM 114	not applicable	24	0.8	5.4
V-345C	not applicable	18	0.9	5.6
V-392C	not applicable	17	0.7	7.1
V-537C	not applicable	18	0.2	7.5
MV-8C	not applicable	23	1.0	7.5

BE IT FURTHER RESOLVED: That Howe Fire Apparatus Co., Inc. canister storage type fuel evaporative emission control systems are certified for 1978 model-year heavy-duty gasoline powered vehicle models.

BE IT FURTHER RESOLVED: That the above vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California, this 27<sup>th</sup> day of June, 1978.

*G.C. Hass by DM Macdonald*

G. C. Hass, Chief  
Vehicle Emissions Control Division